AMENDMENT NO. 2 OCTOBER 2018
TO
IS 16111 : 2013 ELASTIC BANDAGE

(*Page* 1, *clause* **7.1.1**, *third line*) — Delete ‘per width’.

(*Page* 2, *clauses* **A-3, A-3.1, A-3.1.1** *and* **A-3.2**) — Substitute the following for the existing clauses:

A-3 PROCEDURE

‘**A-3.1** Unwind the bandage on the stretch table and measure its unstretched length L_1 immediately. Mark 5 cm on both ends and fix clamp A and clamp B on the bandage at both ends X_1 and X_2 (5 cm from the ends). Connect the loading pan C weighing 1 kg to the moving clamp B (*see* Fig. 1).

Now apply load of 1 kg for each cm of bandage width. Keep the load applied on the bandage kept in extended condition for 30 s. Measure the distance between two marks and record the stretched length L_2 in cm and release the load mechanically or by pneumatic arrangement.

To compensate for the clamped part at both ends (that is 5 cm + 5 cm = 10 cm) we need to add correction factor (CF) to this stretched length L_2 and derive the final stretched length $L_3 = L_2 + CF$.

A-3.1.1 For bandage of stretched length above 5 m, measure the unstretched length L_1, mark the centre point by dividing the unstretched length by two. Find the stretched length for the first part and second part separately by the same method.

A-3.2 Calculate the extensibility percent and correction factor (CF) as follows:

$$\text{Extensibility, percent} = \frac{L_3 - L_1}{L_1} \times 100$$

NOTES

1 Correction factor, in cm = 10 + (Standard extensibility percent of bandage) / 10

2 *Standard extensibility percent of bandage (S)*—This standard extensibility percent is determined by measuring one time the stretched length for 100 cm unstretchedlength. This is added for all subsequent tests for that product.

Find out standard extensibility percent as follows:

$$S = \frac{\text{Stretched length (for 100 cm unstretched length)} - \text{Unstreched length (100 cm)}}{\text{Unstreched length (100 cm)}} \times 100$$

(*Page* 3, *clause* **B- 3.1**, *line* 3) — Substitute ‘the remaining length’ *for* ‘that is the remaining length and recovered length’.

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Publication Unit, BIS, New Delhi, India